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Dated: November 10, 2006

Signature: 

(Lenay Rogers)

Patent

Docket No. 514572001800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Shengce TAO et al.

Serial No.: 10/559,951

Filing Date: (Int'l) May 9, 2003

For: METHODS AND COMPOSITIONS FOR
OPTIMIZING MULTIPLEX PCR
PRIMERS

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

The document numbers 1, 2, and 4 listed on the attached Form PTO/SB/08a/b were cited in an International Search Report mailed on August 7, 2003, directed to a counterpart international or foreign application and have not been previously cited.

The document numbers 3, 9, 14, 15, and 20 listed on the attached Form PTO/SB/08a/b were cited in a Supplementary European Search Report mailed on August 22, 2006, directed to a counterpart international or foreign application and have not been previously cited.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

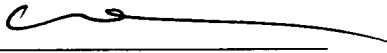
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 514572001800.

Dated: November 10, 2006

Respectfully submitted,

By 
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/559,951
				Filing Date	(Int'l) May 9, 2003
				First Named Inventor	Shengce TAO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	514572001800

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	1.	KR-2002-046835	06/2002			
	2.	WO-98/59072	12/1998			
	3.	WO-02/090561	11/2002			
	4.	WO-03/000839	01/2003			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5.	AUSUBEL et al., (Eds.), Current Protocols in Molecular Biology, John Wiley & Sons, Inc. (2000) Chapter 15	
	6.	BEGGS et al., Hum. Genet. (1990) 86:45-48	
	7.	CHAMBERLAIN et al., Nucleic Acids Res. (1988) 16:11141-11156	
	8.	DRUCE et al., J. Clin. Microbiol. (2002) 40:1728-1732	
	9.	ELNIFRO et al., Clin. Microbiol. Rev. (2000) 13:559-570	
	10.	HARRIS et al., J. Clin. Microbiol. (1998) 36:1989-1995	
	11.	HENEGARIU et al., Biotechniques (1997) 23:504-511	
	12.	International Search Report for PCT/CN03/00335, mailed on August 7, 2003, 1 page	
	13.	JIN et al., Mol. Cell Probes (1996) 10:191-200	
	14.	KABOEV et al., Nucleic Acid Research (2000) 28:E94	
	15.	KILIMANN et al., Human Genetics (1992) 89:253-258	
	16.	MARKOULATOS et al., J. Clin. Lab Anal. (2002) 16:47-51	
	17.	MOUTOU et al., Eur. J. Hum. Genet. (2002) 10:231-238	
	18.	OSEK, Lett. Appl. Microbiol. (2002) 34:304-310	
	19.	ROBERT et al., J. Med. Virol. (2002) 66:506-511	
	20.	SHUBER et al., Genome Research (1995) 5:488-493	
	21.	SIEBER et al., PNAS USA (2002) 99:2954-2958	
	22.	SLOAN et al., J. Clin. Microbiol. (2002) 40:96-100	
	23.	Supplementary European Search Report for EP 03 72 4804, mailed on August 22, 2006, 4 pages	
	24.	SUZUKI and GIOVANNONI, Appl. Environ. Microbiol. (1996) 62:625-630	

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
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				First Named Inventor	Shengce TAO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	514572001800

	25.	TETTELIN et al., Genomics (1999) 62:500-507	
	26.	ZIMMERMANN et al., Biotechniques (1996) 21:480-484	
	27.	ZOU et al., J. Clin. Microbiol. (1998) 36:1544-1548	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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